

CLAIMS:

- 1       1. An ArsR protein comprising a portion of an ArsR protein consisting of an  
2           amino acid sequence that is at least 90% identical to the amino acid sequence  
3           of amino acids 1-97 of SEQ ID NO:2, which ArsR protein binds to a nucleic  
4           acid sequence selected from the group consisting of SEQ ID NOS: 3, 4,5, 6, 7,  
5           8, 9, and 10.
- 1       2. The ArsR protein of claim 1 which has an amino acid sequence of amino acids  
2           1-97 of SEQ ID NO:2.